

FEB 29

Work Order ID 141208

141208

Page 1

Monday, February 01, 2016 10:20:50 AM

Item ID: D4032-041 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Short Basket Assembly (350)
Start Date: 2/8/2016 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 2/26/2016 Req'd Qty: 1.00 *1* Customer:

Reference:

Approvals: Process Plan: [Signature] Date: 16-2-1 Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4032	E

100	Pick Kit	0.00							<u>DAS</u> <u>6</u> <u>9-89</u>
100	Packaging	0.00							
	Packaging								

FEB 16 2016

110	Assemble as per dwg	0.00							
110	HandFinish	0.01							
	Hand Finishing								
	Memo								
	****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label ****								

11 d all 16/02/1

120	QC5- Inspect part completeness to step on W/O	0.00							
120	QC	0.00							<u>DAS</u> <u>9</u> <u>9-89</u>
	Quality Control								
	Memo								

10 16-02-23

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Monday, February 01, 2016 10:20:50 AM

141208

Page 2

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Short Basket Assembly (350)

Stop *NS2*

Start Date: 2/8/2016 **Start Qty:** 1.00

*** 1 ***

Cust Item ID:

Required Date: 2/26/2016 **Req'd Qty:** 1.00

*** 1 ***

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/
Work Center ID

Operation Description

Set Up/ Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	-----------	------------	------------	---------------	-------------

130

Identify as per dwg & Stock Location:

0.00

130

Packaging

Memo

ppp 14/207

0.00

DAS
28
9-89

FEB 25 2016

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ FEB 25 2016

MC FEB 25 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		☐ OTHER : _____							

Picklist Print

Monday, February 01, 2016 10:20:58 AM

Page 1

Work Order ID: 141208

141208

Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: new issue DD 09.12.02 verified by:EC IPP Rev:B as per PA3 DD 10.03.10 verified by:EC IPP Rev:C as per RevA DD 10.03.23 verified by:EC IPP Rev:D as per dwg revC DD 10.04.20 verified by:EC IPP Rev:E as per dwg revD DD 10.08.18 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status DAS
D2530		Manufactured	No			100	Each	2.0000	1	1			6 9-89
D2530									**	137070			
Handle Weldment													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST379				2					
				139447				2					
D2535		Manufactured	No			100	Each	82.0000	2	2			DAS 6 9-89
D2535									**				
Spring													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST008				7					
				137337				7					
				ST012a				75					
				138588				25					
				139657				50					
D2537		Manufactured	No			100	Each	39.0000	2	2			DAS 6 9-89
D2537									**				
Bushing													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST008				39					
				137921				19					
				139004				20					

FEB 16 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐				
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					Lead hand / Supervisor Approval Verification	
					QC / QA Coordinator Approval	
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☐ OTHER : _____						

Picklist Print

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Work Order ID: 141208

141208

Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

D3917-3

Manufactured No

100

Each

29.0000

6

6

D3917-3

Washer

DAS

6

9-89

Location

Loc Qty

Loc Code

ST058

4

138960

4

ST064A

25

139546

25

D3953-3

Manufactured No

100

Each

26.0000

2

2

D3953-3

Gas Spring Stud, Lid

DAS

6

9-89

Location

Loc Qty

Loc Code

ST0062

5

136645

5

ST064A

21

138388

21

D3953-7

Manufactured No

100

Each

62.0000

2

2

D3953-7

Spring Spacer

DAS

6

9-89

Location

Loc Qty

Loc Code

ST062

2

137919

2

ST064A

60

138972

60

FEB 16 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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		OTHER : ☐			

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Monday, February 01, 2016 10:20:58 AM

Work Order ID: 141208

141208

Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

D3953-9 Manufactured No

100 Each 26.0000 2 2

DAS
6
9-89

D3953-9

Gas Spring Washer

**

Location Loc Qty Loc Code

ST062 3

135544 3

ST064A 23

139013 23

D3953-17 Manufactured No

100 Each 13.0000 2 2

DAS
6
9-89

D3953-17

Gas Spring Spacer

**

Location Loc Qty Loc Code

ST062 13

136481 13

D3953-19 Manufactured No

100 Each 44.0000 1 1

DAS
6
9-89

D3953-19

Gas Spring Bracket

**

Location Loc Qty Loc Code

ST062 44

138913 44

D3953-21 Manufactured No

100 Each 8.0000 1 1

DAS
6
9-89

D3953-21

Gas Spring Bracket

**

Location Loc Qty Loc Code

ST063 8

132602 8

FEB 16 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval																																																							
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Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____	
Misidentified ☐	Past Due ☐																																																														

Picklist Print

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Page 4

Work Order ID: 141208

141208

Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

D3969-3 Manufactured No

100 Each 25.0000 1 1

D3969-3

DAS
6
9-89

Spring (Basket Lid)

Location

Loc Qty

Loc Code

ST365

25

137894

5

138889

10

140555

10

D4017-041 Manufactured No

100 Each 0.0000 1 1

D4017-041

Short Basket Base Assembly (350)

D4018-041

Manufactured No

100 Each 0.0000 1 1

D4018-041

Short Basket Lid Assembly (350)

AN3-14A

Purchased No

100 Each 84.0000 4 4

AN3-14A

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

over003

50

m133992

50

ST349

34

m133363

34

AN3-16A Purchased No

100 Each 129.0000 2 2

AN3-16A

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

45

117441

45

ST348

84

M133790

84

FEB 16 2016

Monday, February 01, 2016 10:20:58 AM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Work Order ID: 141208

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Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-12 Purchased No

100 Each 80.0000 3 3

AN4-12

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

ST344

80

m133363

25

m133578

5

m133988

50

3

AN5-17A Purchased No

100 Each 149.0000 4 4

AN5-17A

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

36

117872

36

ST337

113

m133077

13

m134055

100

4

AN310-4 Purchased No

100 Each 93.0000 3 3

AN310-4

Nut

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

25

M127815

25

OVER007

25

M133990

25

ST331

43

M133483

18

M133790

25

3

FEB 16 2016

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		OTHER : ☐				

Picklist Print

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Monday, February 01, 2016 10:20:59 AM

Work Order ID: 141208

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Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

AN310C4	Purchased	No	100	Each	86.0000	2	2		
AN310C4								**	
Nut									DAS 6 8-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
OVER007	50	
M133990	50	
ST331	36	
M132344	3	
M133483	13	
M133694	20	

MS21042L3	Purchased	No	100	Each	2,453.000	6	6		
MS21042L3								**	
Nut									DAS 6 8-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
CCK007	2000	
m134039	2000	
FP001	163	
m133790	163	
GA	195	
m133790	195	
ST304	95	
m133790	95	

FEB 16 2016

Monday, February 01, 2016 10:20:59 AM

Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

Page 7

Monday, February 01, 2016 10:20:59 AM

Work Order ID: 141208

141208

Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L5

Purchased

No

100

Each

672.0000

4

4

MS21042L5

Nut

**

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

146

m127813

146

ST007

400

m134055

400

ST303

126

m133577

26

m133790

100

MS24665-151

Purchased

No

100

Each

118.0000

3

3

MS24665-151

Cotter Pin

**

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

64

m128401

64

ST289

54

m133769

54

MS24665-300

Purchased

No

100

Each

67.0000

2

2

MS24665-300

COTTER PIN

**

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

30

118234

30

ST288

37

M128812

37

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Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					

Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
			OTHER : ☐					

Picklist Print

Monday, February 01, 2016 10:20:59 AM

Page 8

Work Order ID: 141208

141208

Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0432P

Purchased

No

100

Each

1,536.000

6

6

NAS1149F0432P

WASHER

DAS

6

9-89

Location

Loc Qty

Loc Code

ST260a

1000

M133990

1000

ST262

411

M133938

411

st268

125

M132677

125

NAS1149C0432R

Purchased

No

100

Each

1,937.000

2

2

NAS1149C0432R

WASHER

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

822

m125807

428

m133790

394

ST266

1115

m131467

67

m133577

248

m134073

800

NAS1149F0332P

Purchased

No

100

Each

2,048.000

8

8

NAS1149F0332P

Washer

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

396

m133709

396

ST260a

1500

m134055

1500

ST262

152

m133938

152

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Monday, February 01, 2016 10:20:59 AM

Shop Packet Print

Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Page 9

Monday, February 01, 2016 10:20:59 AM

Work Order ID: 141208

141208

Parent Item: D4032-041

D4032-041

Parent Item Name: Short Basket Assembly (350)

Start Date: 2/8/2016

Required Date: 2/26/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0563P

Purchased

No

100

Each

160.0000

4

4

NAS1149F0563P

Washer

Location

Loc Qty

Loc Code

ST262

160

m133515

160

D4032-041
6
8.00

FEB 16 2016

4

DQA: _____ Date: _____



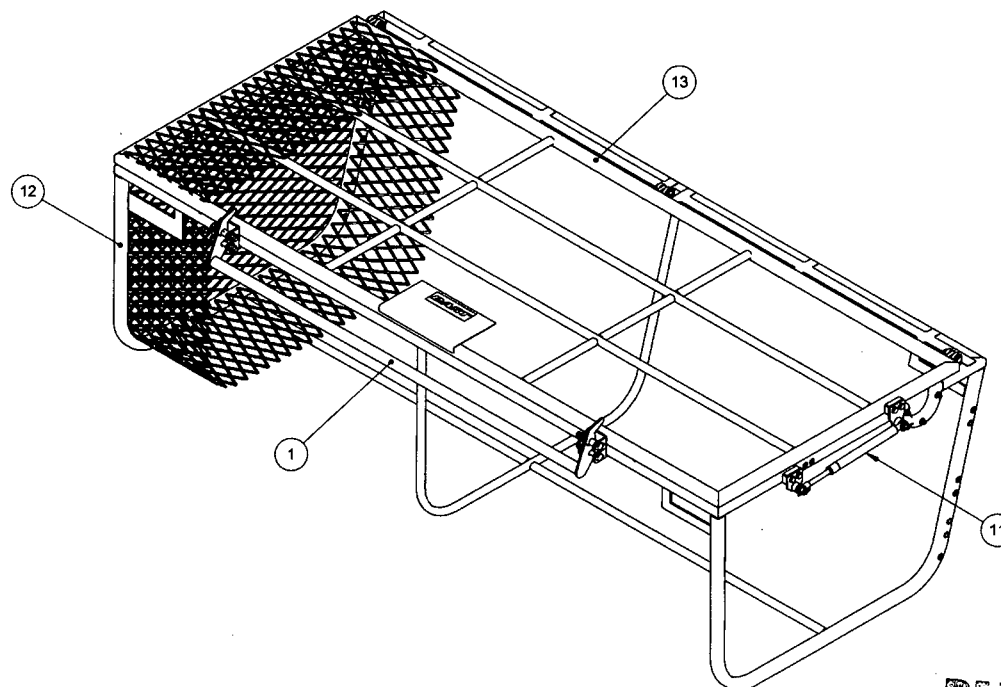
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :						
Misidentified ☐	☐	Past Due ☐							

ITEM	-041 QTY.	P/N	DESCRIPTION
	X	D4032-041	SHORT BASKET ASSY (350)
1	1	D2530	HANDLE WELDMENT
2	2	D2535	SPRING
3	2	D2537	BUSHING
4	6	D3917-3	WASHER
5	2	D3953-3	GAS SPRING STUD, LID
6	2	D3953-7	GAS SPRING SPACER
7	2	D3953-9	GAS SPRING WASHER
8	2	D3953-17	GAS SPRING SPACER
9	1	D3953-19	GAS SPRING BRACKET
10	1	D3953-21	GAS SPRING BRACKET
11	1	D3969-3	SPRING
12	1	D4017-041	SHORT BASKET BASE ASSY (350)
13	1	D4018-041	SHORT BASKET LID ASSY (350)
14	2	AN310C4	NUT, PLAIN, CASTELLATED
15	3	AN310-4	NUT, PLAIN, CASTELLATED
16	4	AN3-14A	BOLT
17	2	AN3-16A	BOLT
18	3	AN4-12	BOLT
19	4	AN5-17A	BOLT
20	6	MS21042L3	NUT, SELF-LOCKING
21	4	MS21042L5	NUT, SELF-LOCKING
22	3	MS24665-151	COTTER PIN
23	2	MS24665-300	COTTER PIN
24	8	NAS1149F0332P	WASHER
25	6	NAS1149F0432P	WASHER
26	2	NAS1149C0432R	WASHER
27	4	NAS1149F0563P	WASHER



D4032-041 SHORT BASKET ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

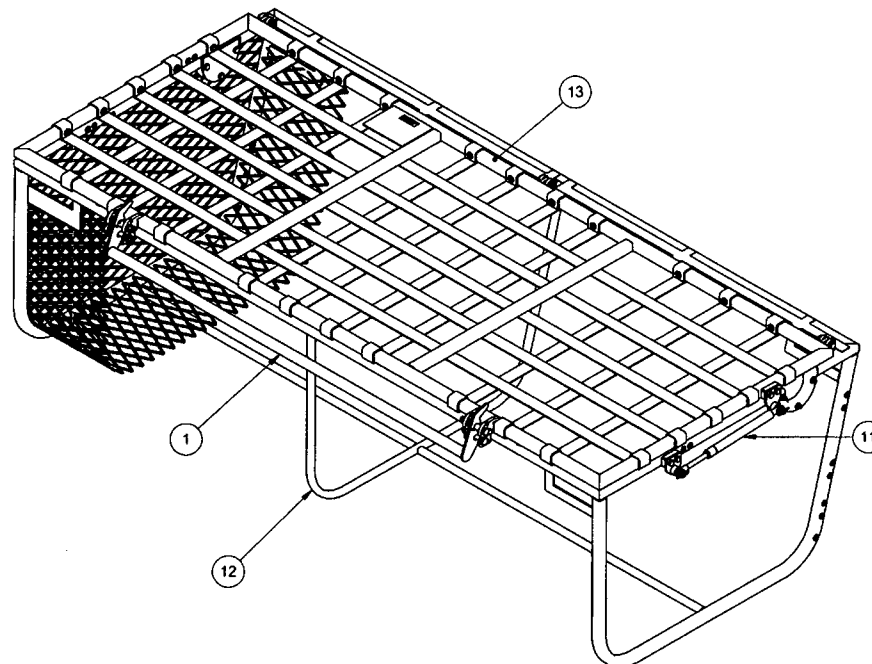
RELEASED
2013-08-16
JM

NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED.
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: 56 lbs APPROX

Handwritten: 16-2-1
141208

E	REFORMAT FOR CLARITY. PICTORIAL UPDATE TO MULTIPLE VIEWS DUE TO CHANGES IN SUB ASSEMBLIES.	AJS	13.07.22
D	QTY FOR ITEMS #28, #29 & #30 UNDER -043 WERE MISSING (B8-1). QTY FOR ITEM #3 WAS 4 (D6-1). ONLY 2 ARE REQUIRED, AFFECTS SECTION C-C (D3-3).	MB	10.07.23
C	ANS-21A BOLT WAS AN5-19A BOLT: BOM & (D3-3)	JPH	10.04.06
B	ITEM 15 D4086-232 & 16 D4086-243 REMOVED; ITEM RENUMBERED AS REQD. PLACARDS REMOVED (C6-2); TOP VIEW DETAIL REMOVED (C2-2)	JPH	10.03.25
A	NEW ISSUE	JPH	10.03.08
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	R	DRAWING NO.	REV. E
MFG. APPR.	R	D4032	SHEET 1 OF 4
APPROVED	J	TITLE	SCALE
DE APPR.	J	SHORT BASKET ASSY (350)	NTS
DATE	13.07.22	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR TRANSMITTED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

ITEM	-043 QTY.	P/N	DESCRIPTION
	X	D4032-043	SHORT BASKET ASSY, LIGHT LID (350)
1	1	D2530	HANDLE WELDMENT
2	2	D2535	SPRING
3	2	D2537	BUSHING
4	6	D3917-3	WASHER
5	2	D3953-3	GAS SPRING STUD, LID
6	2	D3953-7	GAS SPRING SPACER
7	2	D3953-9	GAS SPRING WASHER
8	2	D3953-17	GAS SPRING SPACER
9	1	D3953-19	GAS SPRING BRACKET
10	1	D3953-21	GAS SPRING BRACKET
11	1	D3969-3	SPRING
12	1	D4017-041	SHORT BASKET BASE ASSY (350)
13	1	D4019-041	LIGHT LID SHORT BASKET
14	4	AN3-14A	BOLT
15	2	AN3-20A	BOLT
16	3	AN4-12	BOLT
17	2	AN5-17A	BOLT
18	2	AN5-21A	BOLT
19	3	AN310-4	NUT, PLAIN, CASTELLATED
20	2	AN310C4	NUT, PLAIN, CASTELLATED
21	6	MS21042L3	NUT, SELF-LOCKING
22	4	MS21042L5	NUT, SELF-LOCKING
23	3	MS24665-151	COTTER PIN
24	2	MS24665-300	COTTER PIN
25	6	NAS1149F0432P	WASHER
26	2	NAS1149C0432R	WASHER
27	8	NAS1149F0332P	WASHER
28	4	NAS1149F0563P	WASHER



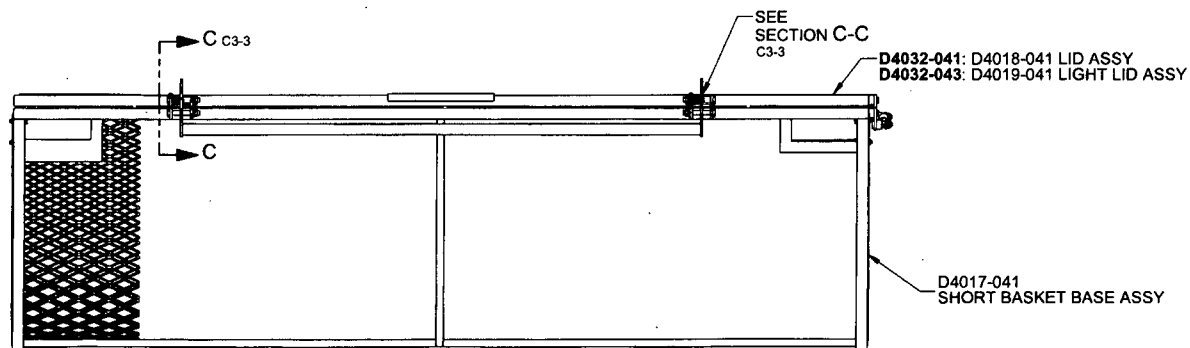
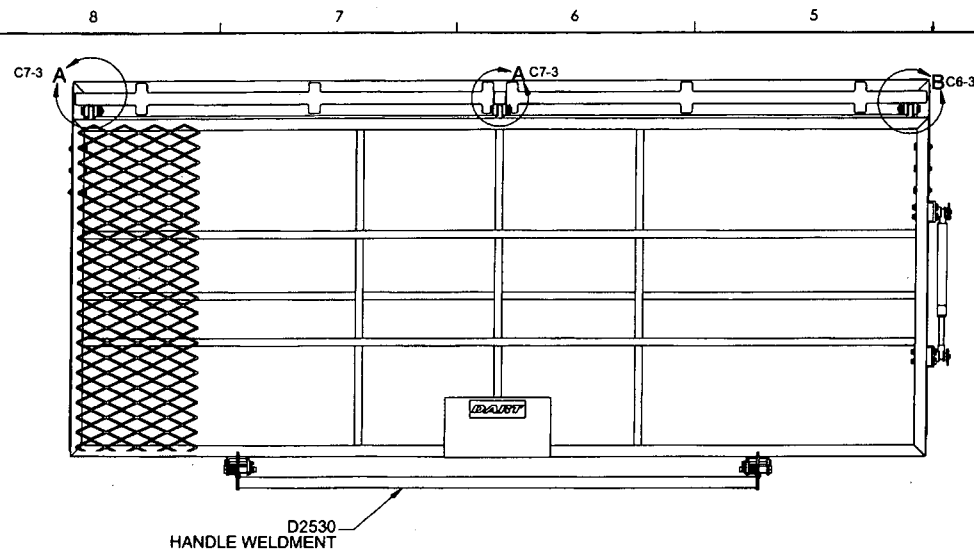
D4032-043 SHORT BASKET ASSY, LIGHT LID (350)
(MESH SHOWN LOCALLY FOR CLARITY)

RELEASED
2013-08-16

NOTES:

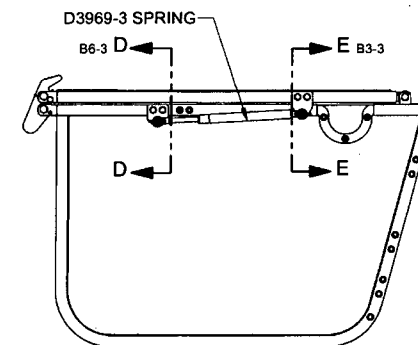
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 45 lbs APPROX

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4032	REV. E SHEET 2 OF 4
MFG. APPR.	<i>[Signature]</i>	TITLE SHORT BASKET ASSY (350)	SCALE NTS
APPROVED	<i>[Signature]</i>	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DE APPR.	<i>[Signature]</i>		
DATE	13.07.22		



D4032-041 SHORT BASKET ASSY (350) (SHOWN)
(MESH SHOWN LOCALLY OR REMOVED FOR CLARITY)

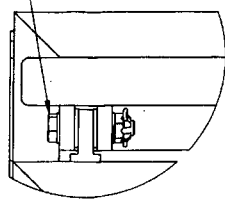
D4032-043 SHORT BASKET ASSY, LIGHT LID (350) (SIMILAR)
(MESH SHOWN LOCALLY OR REMOVED FOR CLARITY)



RELEASED
2013-08-16
AMC

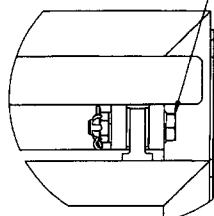
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. E
MFG. APPR.		D4032	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		SHORT BASKET ASSY (350)	NTS
DATE	13.07.22	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

AN4-12 BOLT, MACHINE
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



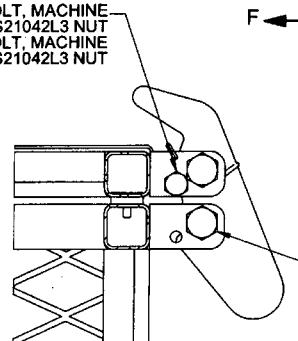
DETAIL A D8-2
D6-2

AN4-12 BOLT, MACHINE
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



DETAIL B D4-2

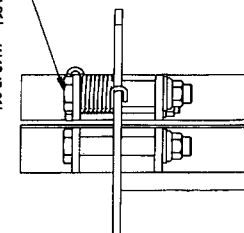
D4032-041: AN3-16A BOLT, MACHINE
MS21042L3 NUT
D4032-043: AN3-20A BOLT, MACHINE
MS21042L3 NUT



SECTION C-C B5-2
B7-2

D4032-041: AN5-17A BOLT, MACHINE
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT
D4032-043: AN5-21A BOLT, MACHINE
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

AN5-17A BOLT, MACHINE
NAS1149F0563P WASHER
MS21042L5 NUT



VIEW F-F C3-3

D2530 WELDMENT
REF

D3953-17 GAS SPRING SPACER
D3953-21 GAS SPRING BRACKET

AN3-14A BOLT, MACHINE
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

SECTION D-D B2-2

D3953-17 GAS SPRING SPACER

D3953-19 GAS SPRING BRACKET

AN3-14A BOLT, MACHINE
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

SECTION E-E B1-2

RELEASED
2013-08-16

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. E
MFG. APPR.	<i>[Signature]</i>	D4032	SHEET 4 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SHORT BASKET ASSY (350)	NTS
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